



## ASHP Accredited Critical Care Specialty Residency

**Internet site:** [www.uwhealth.org](http://www.uwhealth.org)

Number of Positions: 1  
 Application Deadline: **January 15**  
 Starting Date: July 1  
 Stipend/Benefits: \$38,500; 14 paid vacation days/holidays, 5 sick days. As employees of UW Hospital, residents receive full health insurance benefits and full access to the University of Wisconsin's recreational, educational, and cultural facilities.  
 Interview Required: Yes

### STRENGTHS:

- Depth and breadth of clinical pharmacy services at UW (and long history of such)
- World class center of medical excellence
- 24 bed medical/surgical intensive care unit (Level 1 Trauma Center)
- Excellent relationships with physicians and nurses
- Experienced critical care pharmacists with subspecialties in ID, nutrition, and kinetics
- Integral part of multidisciplinary team
- Flexibility in tailoring program to needs/interests
- "Staffing" in intensive care unit rather than production
- Academic medical center resources
- Extensive involvement with School of Pharmacy in didactic teaching and preceptorship of students

<b>Adult Acute Care Required Rotations</b>	<b>Acute Care Elective Rotations</b>
<ul style="list-style-type: none"> <li>• Critical Care Service (medical patients and consults in intensive care unit)</li> <li>• Nutrition</li> <li>• Neurosciences ICU</li> <li>• Cardiac Medicine ICU</li> <li>• Pediatric ICU</li> </ul>	<ul style="list-style-type: none"> <li>• Burn Unit</li> <li>• Infectious Disease consults</li> <li>• Renal consults</li> <li>• Cardiovascular surgery ICU</li> <li>• Trauma/surgery service</li> <li>• Emergency Medicine</li> <li>• Others based on resident interest</li> </ul>

*The primary focus of the residency is to become a competent critical care clinician in areas of medical and surgical pharmacotherapy*

**Activities while on the unit will include (but are not limited to):**

- Rounding with the critical care team daily
- Patient monitoring/problem solving
- Investigation of medication error reports and adverse drug reactions
- Drug information; literature searches; reading and contributing to team files
- Attending codes
- Team-related projects
- Communication and interaction with pharmacists, physicians, nurses, respiratory therapists, and dietitians
- Contributing as a member of the critical care team

**PROJECTS:**

- Major research project suitable for publication
  - Major project will be presented at the Great Lakes Pharmacy Resident Conference and the Pharmacy Society of Wisconsin Educational Conference
  - It may also be presented at the Society of Critical Care Medicine Annual Meeting or the American Society of Health-System Pharmacists or other clinical meeting
- Past resident projects include:
  - Assessed propylene glycol toxicity from lorazepam infusions
  - Developed enteral feeding/drug interaction table
  - Surveyed Critical Care pharmacy practice across the US
  - Evaluated the use of an antibiotic order form in the ICU
  - Evaluated the use of a CRRT table for dosing of antibiotics and non-antibiotics
  - Assessed the time to positive cultures and antibiotic changes

- Assessed the percentage of patients who were started on stress ulcer prophylaxis and then were inappropriately prescribed them on discharge

***CURRENT POSITIONS OF PAST RESIDENTS:***

- Medical Liaison for pharmaceutical company
- Critical care pharmacy specialist (4 past residents)
- Professor of Critical Care and Nutrition
- Critical care pharmacy specialist/School of Pharmacy Pharmacotherapy Lab instructor

***PRESENTATION OPPORTUNITIES:***

- Pharmacy grand rounds
- Pharmacy and nursing inservices
- Trauma conference (trauma surgeons)
- Leadership of journal club discussions

***TEACHING OPPORTUNITIES:***

- Clinical instructor status at the University of Wisconsin School of Pharmacy
- Active role in teaching 3<sup>rd</sup> year pharmacy students in pharmacotherapy lab
- Co-Preceptorship of 4<sup>th</sup> year students on elective clinical rotation at the hospital
- Help precept pharmacy practice residents on elective rotation
- Didactic lecturing at School of Pharmacy
- Teaching certificate program for residents at area hospitals through the School of Pharmacy

***OTHER ACTIVITIES:***

- Weekly resident lunch sessions – meetings with residency directors, director of pharmacy, speakers discussing clinical and administrative topics
- Participation on a clinically-focused (patient care) committee – e.g. Pharmacy Practice, Nutrition, Patient Education, Kinetics, Pain
- Advanced Cardiac Life Support training
- Opportunities to interact with residents in critical care/nutrition, pharmacy practice, oncology, administration, and drug policy
- Option to take additional University of Wisconsin college classes

***TRAVEL:***

- Support to attend either the American Society of Health-System Pharmacists or the Society of Critical Care Medicine Meeting
- Great Lakes Pharmacy Residents Conference
- Spring visit to other health systems and residency programs
- Support to attend any other meetings in the state of Wisconsin

***UWHC INFO:***

- The department manages 13 retail pharmacies, a home care company, a long-term care consulting service, full PBM managed care services, and a telepharmacy mail order service.
- More information about the UWHealth system can be found at [www.uwhealth.org](http://www.uwhealth.org).

***PROGRAM DIRECTOR:***

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