



**UW Health**  
**Solid Organ Transplant Residency**

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

Number of Positions: 1  
 Application Deadline: **January 2, 2018**  
 Starting Date: July 2  
 Stipend/Benefits: \$47,500; 10 days paid time off / 5 legal holidays. As employees of UW Health, residents receive full health insurance benefits and full access to the University of Wisconsin’s recreational, educational, and cultural facilities.  
 Interview Required: Yes  
 Previous Experience Required: Completion of Pharmacy Practice Residency or equivalent experience

- STRENGTHS:**
- UWHC performs nearly 500 solid organ transplants per year
  - Consistently ranked among the top 10 most active transplant centers in the country
  - UWHC was named the top hospital in Wisconsin by US News & World Report for the third year in a row in 2014
  - Depth and breadth of clinical pharmacy services at UW Health
  - Excellent relationships with physicians and nurses
  - Integral part of the multidisciplinary team
  - “Staffing” on a Transplant unit rather than production
  - Involvement with School of Pharmacy in didactic teaching and preceptorship of students
  - Participation in ambulatory care clinics for abdominal transplant and cardiothoracic transplant
  - Flexibility in tailoring program to needs/interests

Required Rotations	Elective Rotations
Inpatient rotations: <ul style="list-style-type: none"> <li>• Kidney and Pancreas Transplant</li> <li>• Liver Transplant</li> <li>• Medical Transplant</li> <li>• Cardiothoracic Transplant (heart, lung)</li> <li>• Transplant Infectious Diseases</li> <li>• Transplant Practice Management / Organ Procurement</li> <li>• Transplant Clinical Research/Pharmaceutical Research Center</li> </ul> Ambulatory rotations: <ul style="list-style-type: none"> <li>• Transplant clinic (longitudinal experience) – 6 months in Lung Tx clinic, 6 months in Abdominal Tx clinic</li> </ul>	Inpatient rotations <ul style="list-style-type: none"> <li>• Hepatology Consult Service</li> <li>• TLC (Trauma &amp; Life Support Center) - ICU</li> <li>• Academic / Research</li> <li>• Nephrology Consult Service</li> <li>• Transplant nephrology</li> </ul> Ambulatory rotations <ul style="list-style-type: none"> <li>• Wisconsin Dialysis / UW Kidney Clinic</li> </ul>

**Activities will include (but are not limited to):**

- Collaboratively managing drug therapy with other members of the healthcare team
- Rounding daily with the transplant team including physicians, advanced practice providers, nurses, dietitians and social workers
- Conducting pre- and post-transplant patient appointments in the transplant clinic
- Patient monitoring/problem solving/documentation
- Investigation of medication error reports and patient/medication safety follow-up
- Drug information; literature searches; reading and contributing to team files
- Transplant team-related projects
- Working with Doctor of Pharmacy clerkship students and PGY1 residents

**AMBULATORY CARE:** Residents practice in a longitudinal ambulatory care clinic once weekly. Half of the year is spent in the abdominal transplant clinic, and the other half of the year is spent in the lung transplant clinic.

**PROJECTS:**

- Residents typically complete a practice advancement project and a clinical research project which should be publishable upon completion.
  - Major project will be presented at the Great Lakes Pharmacy Residency Conference
  - Project also be presented at the American Society of Health-System Pharmacists Midyear Meeting and/or other transplant specific clinical meeting such as the American Transplant Congress
- Past resident projects include:
  - Development of a pharmacist managed anemia protocol in the transplant clinic
  - Evaluation of antimicrobial penetration of biofilms produced by Vancomycin-resistant Enterococcus faecium urinary isolates from solid organ transplant recipients

- Evaluation of generic tacrolimus trough concentrations at discharge and the association with the rate of biopsy proven acute rejection in renal transplant recipients
- Evaluation of thymoglobulin versus basiliximab induction in sensitized deceased donor kidney transplant recipients
- Utilization review of six months of valganciclovir prophylaxis for cytomegalovirus in transplant patients
- Evaluation of the incidence of de novo donor-specific antibodies and antibody mediated rejection rates in moderately sensitized renal transplant recipients receiving thymoglobulin vs. basiliximab for induction
- Evaluation of single dose basiliximab induction therapy on the incidence of rejection in renal transplant patients
- Implementation of peripheral administration of anti-thymocyte globulin in the transplant clinic
- Development & implementation of a pharmacy adherence clinic in the transplant clinic
- Implementation of a pharmacist-led protocol for home management of anemia in transplant recipients
- Review of risk factors and outcomes in HLA-matched kidney recipients with rejection

***PRESENTATION OPPORTUNITIES INCLUDE:***

- Educational presentations and in-services on clinical rotations
- Journal club discussions, clinical pearls presentations and Resident Report
- Presentation at WI Chapter of the International Transplant Nurses Society Conference

***TEACHING OPPORTUNITIES:***

- Clinical instructor status at the University of Wisconsin School of Pharmacy
- Co-Preceptorship of PharmD clerkship students on clinical rotation at the hospital
- Co-precept PGY1 residents on elective clinical rotations
- Lectures in the UW School of Pharmacy pharmacotherapy class

***OTHER ACTIVITIES:***

- One week UW Organ and Tissue Donation experience during Practice Management Rotation
- Weekly Transplant Grand Rounds and bi-monthly journal club
- Weekly Desensitization Luminex meeting and Transplant Selection Committee meetings
- Opportunities to interact with residents in the critical care, infectious diseases, oncology, community, and administrative programs

***TRAVEL:***

- Support to attend one national peer meeting (e.g. ASHP Midyear Clinical Meeting, ACCP, ATC)
- Great Lakes Pharmacy Residents Conference

***UW Health INFO:***

- The department manages 13 retail pharmacies, a long-term care consulting service, a rural hospital pharmacy management business, full PBM managed care services, a hospice pharmacy program, and a medication therapy management mail order program.
- UW Health has implemented the use of automation, information technology, and bar coding at every phase of the medication use process.
- More information about the UW Health system can be found at [www.uwhealth.org](http://www.uwhealth.org)

***PROGRAM DIRECTOR:***

Kimberly E. Holdener, PharmD, BCPS  
 UW Hospital and Clinics Department of Pharmacy  
 600 Highland Avenue  
 F6/133 CSC Mail Stop 1530  
 Madison, WI 53792  
 Phone: (608) 263-1290  
 Fax: (608) 263-9424  
[kholdener@uwhealth.org](mailto:kholdener@uwhealth.org)

*For additional information about the Transplant Specialty Residency program and application materials go to our website at [www.uwhealth.org/pharmacy](http://www.uwhealth.org/pharmacy). Select Pharmacy Residency Programs.*