



Solid Organ Transplant Residency

Internet site: www.uwhealth.org/pharmacy

Number of Positions: 1
 Application Deadline: **January 2, 2022**
 Starting Date: July 11, 2022
 Stipend/Benefits: \$47,500; 144 hours of paid time off (PTO), inclusive of vacation, holidays and sick time, and funding for professional meetings. 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
 Experience Required: Completion of PGY1 Residency

STRENGTHS:

- UW Health performs nearly 500 solid organ transplants per year
- Consistently ranked among the top 10 most active transplant centers in the country
- UW Health was named the top hospital in Wisconsin by US News & World Report in 2012-2020
- Depth and breadth of clinical pharmacy services at UW
- 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 / Learning Experiences	Elective Rotations
<p><i>Inpatient rotations:</i> (4 weeks in length unless otherwise stated)</p> <ul style="list-style-type: none"> • Orientation / Training (6 weeks for residents new to UW Health) • Kidney / Pancreas Transplant • Liver Transplant Surgery • Liver Transplant Medicine • Medical Kidney / Pancreas Transplant • Heart Transplant • Lung Transplant • Transplant Practice Management / UW Organ & Tissue Donation • Transplant Clinical Research / Pharmaceutical Research Center (PRC) 	<p><i>Inpatient rotations:</i> (4 weeks in length unless otherwise stated)</p> <ul style="list-style-type: none"> • Hepatology Consults (2 weeks) • Transplant Infectious Diseases • Trauma Life Center (TLC) - ICU • Acute Nephrology Consults • Transplant Nephrology • Kidney / Pancreas Transplant 2 • Advanced Heart Failure / Heart Transplant 2
<p><i>Ambulatory rotations (longitudinal experience):</i></p> <ul style="list-style-type: none"> • Abdominal Transplant Clinic – 6 months • Lung Transplant clinic - 6 months • CMV Stewardship – 12 months 	<p><i>Longitudinal rotation (yearlong):</i></p> <ul style="list-style-type: none"> • Academia / Research
<p>Other required learning experiences:</p> <ul style="list-style-type: none"> • Academia mini-rotation (2 weeks) • Pharmacy Practice Experience (Staffing) – year long • Residency Project – year long 	

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
- Medication management via delegation protocols
- Patient monitoring/problem solving/documentation
- Working with Doctor of Pharmacy clerkship students and PGY1 residents
- Transplant Grand Rounds

PROJECTS:

- Residents complete a longitudinal residency project which should be publishable upon completion. Many residents have chosen to complete a practice advancement project and a clinical research project. Other team related projects may be assigned while on rotation.

- Project will be presented at the American Transplant Congress and/or other clinical meeting such as the American Society of Health-System Pharmacists Midyear Meeting
- 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
 - 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
 - Development & implementation of a pharmacy adherence clinic in the transplant clinic
 - Review of risk factors and outcomes in HLA-matched kidney recipients with rejection
 - Development & implementation of a CMV Stewardship program in Transplant Clinic
 - Cytomegalovirus Preemptive Monitoring Conversion and the use of a Preemptive Threshold after Solid Organ Transplant
 - Belatacept Conversion in Elderly Renal Transplant Recipients

PRESENTATION OPPORTUNITIES INCLUDE:

- Educational presentations and in-services on clinical rotations
- Journal club discussions, group presentations with other UW pharmacy residents/students
- Presentation at WI Chapter of the International Transplant Nurses Society Conference
- Resident Grand Round Interprofessional Lunch and Learn (GRILL)

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 clinical rotations
- Lectures in the UW School of Pharmacy pharmacotherapy class

TRAVEL:

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

UW Health INFO:

Pharmacy services are provided by teams of pharmacists within an integrated practice model. These teams of pharmacists are decentrally based and provide care as part of the interdisciplinary team through interdisciplinary rounds, clinical monitoring, medication order review, admission histories, discharge teaching and care coordination, code and stroke response teams, drug information resource and medication use stewardship. The resident will staff as a decentral transplant pharmacist on the transplant team over the course of the residency year. On average, the resident will staff 24 hours every two weeks, including every two to three weekends. More information about the UW Health system can be found at www.uwhealth.org

PROGRAM DIRECTOR:

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