Overview
Methodist University Hospital Transplant Institute (MUHTI), affiliated with the University of Tennessee Health Science Center, offers an ASHP accredited PGY-2 Specialty Residency in Solid Organ Transplant. The purpose of the residency is to develop a well-rounded clinician, with advanced expertise in the pharmaceutical care of abdominal transplant recipients. The MUHTI performs approximately 120 liver, 100 kidney and 15 pancreas transplants annually. Adult transplants are provided at Methodist University Hospital, while pediatric transplants are performed at Le Bonheur Children’s Medical Center. Within MUHTI, pharmacists are integral members of multidisciplinary transplant care teams in both inpatient and outpatient settings. The resident will be exposed to multiple facets of transplant-related medical, surgical, and critical care support. They will also be directly involved in managing the immunosuppressive and complex pharmacological requirements unique to transplant patients. The transplant pharmacy team supports patients along the continuum of care by providing pre-transplant education of recipients and live donors, medication histories and reconciliation, inpatient medication monitoring and management, patient medication education and discharge counseling, and ongoing after-care to patients in the ambulatory clinic. All residents are expected to demonstrate self-initiative, independent learning skills, and effective communication skills throughout the residency.

Program Expectations
- Provide clinical pharmacy services to organ transplant recipients and live-donors
- Co-precept pharmacy students and PGY1 residents
- Initiate, complete, and present a practice-based research project at a regional or national meeting, as well as submit for publication
- Provide effective drug education to patients, caregivers, and health care personnel
- Develop and deliver an ACPE-accredited CE presentation
- Support hospital, pharmacy, and transplant-based quality and safety initiatives
- Successfully achieve residency learning goals and objectives as required or elected

Learning Experiences
Core Rotations (each one month in duration)
- Orientation
- Research
- Transplant Nephrology (3 months)
- Transplant Surgery (3 months)
- Transplant Hepatology (1 month)

Elective Experiences (Select 3-4; each one month in duration)
- Medical Critical Care
- General Nephrology
- Bone Marrow/Stem Cell Transplant
- Infectious Disease
- Hepatitis C Clinic/Hepatology

Longitudinal Experiences
- Transplant Ambulatory Care
- Research Development Series
- Weekly Resident Conference
- Pharmacy Practice Staffing (approximately 36 shifts annually)
- Clinical On-Call (approximately every 4 weeks)
- University of Tennessee Teaching and Learning Program (optional)
### Core Rotation Preceptors

<table>
<thead>
<tr>
<th>Preceptor</th>
<th>Practice Area</th>
<th>Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carolyn Cummings, PharmD, BCPS</td>
<td>Inpatient Transplant</td>
<td>PGY2 Solid Organ Transplant UTHSC / Methodist University Hospital</td>
</tr>
<tr>
<td>Heather Snyder, PharmD, BCPS</td>
<td>Inpatient Transplant</td>
<td>PGY2 Solid Organ Transplant UTHSC / Methodist University Hospital</td>
</tr>
</tbody>
</table>

### Recent Residency Graduates

<table>
<thead>
<tr>
<th>Year</th>
<th>Resident</th>
<th>Current Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>Nikita S. Wilson, PharmD, BCPS</td>
<td>Clinical Pharmacy Specialist – Kidney/Pancreas Transplant Vanderbilt Medical Center; Nashville, TN</td>
</tr>
<tr>
<td>2010</td>
<td>Winston Ally, PharmD, BCPS</td>
<td>Clinical Pharmacy Coordinator – Solid Organ Transplant Director, PGY2 Solid Organ Transplant Residency University of Virginia Health System; Charlottesville, VA</td>
</tr>
<tr>
<td>2011</td>
<td>Alexandra Centeno, PharmD</td>
<td>Clinical Pharmacy Specialist – Kidney Transplant University of Miami Health System; Miami, FL</td>
</tr>
<tr>
<td>2012</td>
<td>Carolyn Cummings, PharmD, BCPS</td>
<td>Clinical Pharmacy Specialist – Solid Organ Transplant Methodist University Hospital; Memphis, TN</td>
</tr>
<tr>
<td>2013</td>
<td>Heather Snyder, PharmD, BCPS</td>
<td>Clinical Pharmacy Specialist – Solid Organ Transplant Methodist University Hospital; Memphis, TN</td>
</tr>
<tr>
<td>2014</td>
<td>Leigh Anne Keough, PharmD, BCPS</td>
<td>Clinical Pharmacy Specialist - Memphis VA Medical Center, Memphis, TN</td>
</tr>
<tr>
<td>2015</td>
<td>Leslie Smith, PharmD, BCPS</td>
<td>Clinical Pharmacist; Methodist University Hospital, Memphis, TN</td>
</tr>
<tr>
<td>2016</td>
<td>Cassandra Dees, PharmD</td>
<td>Clinical Pharmacist, Riverside Methodist Hospital, Columbus, OH</td>
</tr>
</tbody>
</table>

### Salary

Residents are employed as full-time associates of the University of Tennessee Health Sciences Center and supplemental pharmacists within Methodist Healthcare. Salary is approximately $46,000 and is paid through the University on a monthly basis.

### Contact Information

**Program Director**  
Heather Snyder, PharmD, BCPS  
Clinical Pharmacy Specialist - Solid Organ Transplant  
Methodist University Hospital  
Assistant Professor  
University of Tennessee College of Pharmacy  
Phone: (901) 516- 9021  
Fax: (901) 516-2412  
E-mail: heather.snyder@mlh.org