PGY-2 Solid Organ Transplant Residency

Purpose:
Indiana University (IU) Health offers a one-year PGY2 Solid Organ Transplant Residency. The purpose of this residency is to transition a PGY1 pharmacist from a generalist to an independent clinical specialist and an essential member of an interdisciplinary team in the solid organ transplant specialty area. IU Health has many opportunities to train future transplant clinical pharmacists in both the inpatient and outpatient setting, across all solid organ types. Our PGY2 residency provides rotation experiences at the IU Health Academic Health Center (AHC). This includes IU Health Methodist Hospital and IU Health University Hospital with 5 different transplant clinical pharmacists serving as specialty preceptors. Optional rotation experience in pediatric solid organ transplant at IU Health Riley Hospital for Children is also available. All AHC hospitals serve as teaching sites for Butler and Purdue Universities Colleges of Pharmacy as well as Indiana University School of Medicine.

Description:
During the PGY2 solid organ transplant residency year, the resident will play a vital role in the management of both abdominal and cardiothoracic transplants in addition to patients requiring mechanical circulatory support (MCS). The resident will acquire knowledge and skills in managing immunosuppression, infectious prophylaxis regimens, post-transplant complications, and pharmacotherapy in patients on MCS. Longitudinal experiences will engage the resident in necessary transplant pharmacy administration activities, educational opportunities in practice and didactic settings, and participation in quality improvement initiatives. The resident will function as an effective member of the transplant multidisciplinary team and acquire the necessary practice skills of a qualified solid organ transplant clinical pharmacist.

<table>
<thead>
<tr>
<th>IU Health Transplant by donor type and year</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>P</td>
<td>A</td>
<td>P</td>
</tr>
<tr>
<td>Kidney</td>
<td>209</td>
<td>13</td>
<td>202</td>
<td>11</td>
</tr>
<tr>
<td>Pancreas</td>
<td>43</td>
<td>1</td>
<td>56</td>
<td>1</td>
</tr>
<tr>
<td>Liver</td>
<td>111</td>
<td>3</td>
<td>138</td>
<td>3</td>
</tr>
<tr>
<td>Intestine/Multiviscera</td>
<td>16</td>
<td>1</td>
<td>17</td>
<td>1</td>
</tr>
<tr>
<td>Lung</td>
<td>49</td>
<td>-</td>
<td>62</td>
<td>-</td>
</tr>
<tr>
<td>Heart</td>
<td>22</td>
<td>5</td>
<td>18</td>
<td>5</td>
</tr>
</tbody>
</table>

A=Adult, P = Pediatric
**Learning Experiences**
A combination of monthly block and longitudinal experiences will be utilized

Required Rotations include
Adult Solid Organ Transplant
- Kidney/ Pancreas
- Liver and Intestine/ Multivisceral
- Lung

Heart and MCS
- Outpatient Lung Transplant Clinic
- Infectious Disease

Required Longitudinal Experiences and Activities
- Pharmacokinetic Clinical Weekend Service
- Transplant Committee Participation (rotation specific)
- Research Project with manuscript
- Grand Rounds presentation

Quality assurance and performance improvement (QAPI) project
- Professional Practice Experience

Elective Four Week Experiences
- Abdominal Transplant Ambulatory Clinic (Longitudinal)
- Adult Critical Care
- Histocom Patibility Lab
- Outpatient Pulmonary Hypertension Clinic
- General Medicine
- Hematology/ Oncology
- Stem Cell Transplant

Emergency Medicine
- Psychiatry
- HIV Management
- Informatics
- Drug Information
- Toxicology
- Research
Application Requirements

The qualified applicant must possess a Doctor of Pharmacy Degree from an accredited college of pharmacy and must be eligible for Indiana licensure. Completion of a prior ASHP accredited PGY1 residency is required. All offers are contingent upon a background check, reference check, and pre-placement health assessment, which includes a drug test. If selected for an on-site interview, a presentation and completion of clinical case will be required.

Contact:
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Deadline for application: January 5
Requirements for application via PhORCAS:

- Letter of Intent
- Current Curriculum Vitae
- Three recommendation forms
- May include an initial phone interview.