The University of California San Diego (UCSD) Medical Center Department of Pharmacy and the UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences offer a one-year specialty residency in solid organ transplant pharmacy practice beginning July 15, 2013.

**Scope**

UCSD Medical Center consists of two acute care hospitals and ambulatory care clinics that offer a broad spectrum of transplant programs, including kidney, combination kidney-pancreas, pancreas, liver, lung, heart, and bone marrow/stem cell. The Medical Center is affiliated with the UCSD School of Medicine and UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences. The Department of Pharmacy provides clinical services in both the inpatient and outpatient setting to all transplant patients.

This specialty residency balances service, research, and teaching opportunities and is tailored to the individual. The emphasis will be placed in providing excellent pharmaceutical care in conjunction with the multidisciplinary transplant team. Teaching activities include didactic, therapeutics conference leader, and clerkship preceptorship of first-year pharmacy practice residents and fourth-year UC-San Diego pharmacy students in their clinical rotations. A residency project will be completed and presented at a national conference with intent of publication.

The purpose of the UCSD Solid Organ Transplant Pharmacy Practice Residency is to train and educate pharmacists in the delivery of exemplary pharmaceutical care focused in solid organ transplantation in both the inpatient and outpatient setting. Following the completion of the transplant residency program, the resident will be a competent member of the interdisciplinary team caring for transplant patients and assuming responsibility for the medication-related aspects of care. The resident will become skilled in providing education to multiple audiences including transplant patients and caregivers and other members of the healthcare team. In addition, the resident will have the opportunity to gain valuable experience in research and guideline/protocol development and will be able to contribute to the rapidly developing field of transplantation. The resident will demonstrate a commitment to professional and personal development, monitoring his/hers own performance and exhibiting leadership skills in all practice areas. Graduates of this specialized program will be highly skilled practitioners in transplantation and will be prepared for career opportunities in the focused field of solid organ transplantation.
ASHP Program Match Number: **635476**

**Number of residency positions available:** 1-2 new residents are accepted each year.

**Salary and Benefits:** The annual stipend is currently $46,000. Benefits include medical, dental, and vision insurance. In addition, vacation, sick and professional leave are provided.

**Requirements:**

An on-site interview is required and will be held during late January through early March. This specialty residency program participates in the ASHP Resident Matching Program. **All applicants must be enrolled in the Resident Matching Program.** To facilitate this enrollment process and for further information, please visit the following website: [www.natmatch.com/ashprmp](http://www.natmatch.com/ashprmp)

If matched with the UCSD Residency Program, matched candidates must have all of the following:

1. Graduated from an accredited school of pharmacy with a Doctor of Pharmacy degree
2. Successfully completed an accredited PGY1 pharmacy practice residency
3. Obtained California pharmacy licensure prior to beginning residency
   (Absolute deadline = October 1, 2013)

**Application:**

Applications for the 2013-2014 year will be accepted beginning December 1, 2012.

Deadline for application is January 4, 2013.

Applications should be submitted through PhORCAS and include the following:

1. Letter of intent
2. Current Curriculum Vitae with all experiential completed and anticipated rotations as well as pharmacy work experience.
3. Photo (passport size) of yourself along with your full name printed clearly in pen on the back. **NOTE:** Photo will be used for Candidate ID purposes and will likely be reproduced.
4. Official academic transcript (pharmacy school only)
5. Three Letters of recommendations are required. At least 2 of the letters should be from preceptors or supervisors who can directly comment on your clinical and practice skills.

   **Note:** Please have letter writers complete the ASHP Recommendation Form included in this application along with a Letter of Recommendation.
PGY2 Solid Organ Transplantation Residency Requirements for Completion/Graduation

- Successful completion of all core rotations (all rotation goals marked SP or ACH by the final evaluation)
- ≥75% of RLS goals marked “Achieved for the Residency” by the end of the year (as evaluated by individual rotation preceptors or by the RPD upon final review of the resident’s progress)
- Twelve months maximum is allotted to successfully complete the core requirements. If a core rotation must be repeated, then elective time shall be used. If the above requirements are not met in full, the residency certificate may be withheld at the discretion of the residency director

Program Overview:

- Orientation/training/research: 2-4 weeks (duration determined by the resident’s previous work experience)
- Inpatient Abdominal Transplant/Hepatology: 2 blocks of 4-6 weeks
- Inpatient Cardiothoracic Transplant: 2 blocks of 4-6 weeks
- Ambulatory Care Clinics for Abdominal and Cardiothoracic Transplant: 5 weeks
- Electives: 3 blocks of 5 weeks
- Staffing: 12 weekends throughout the year (~1 shift/month) including 1 minor holiday plus 1 major holiday
- Research project, Immunology Lab, and Life Sharing: 4 weeks

Elective Rotations:

There will be a total of 6 rotations that the resident can choose their three electives from. The electives can be selected from the list below and any of the transplant rotations may be repeated as an elective.

- Nephrology
- Bone Marrow Transplant
- Cardiology
- Transplant Infectious Diseases
- Pharmacokinetics
- Surgical or Medical ICU

Staffing:

Staffing will be incorporated into the residency experience with weekend shifts that provide the opportunity for PGY2 residents to cover the inpatient transplant services. The PGY2 residents will be required to staff 12 weekends (which includes 1 minor holiday weekend) PLUS 1 major holiday (Thanksgiving, Christmas, or New Year’s). The resident will get 13 paid days for holidays and 12 sick days for the academic year. Vacation time will be in accordance with GME rules and will be defined as 20 days of vacation PLUS 5 days for professional leave to attend meetings or conferences.
Research Project/Quality Improvement Project:

The resident will be responsible for conducting 1 research project throughout the academic year that will be presented at a conference and written up in manuscript form. A list of project ideas will be generated from the transplant preceptors for selection during the first month of the residency year. The resident will also complete a Quality Improvement project during the year. The project may include updating/implementing transplant protocols, assisting with the development of transplant care plans or implementing quality improvement projects to improve patient care.

Committee Experience:

The resident will participate in select hospital and transplant committees throughout the year. This will include participation in the transplant teams selection and quality assurance committees.

Publication:

The resident will be required to write a manuscript suitable for publication by the end of their residency year. The purpose of this requirement will be the development of scientific writing and communication skills. The types of publishable literature can include any of the following types of manuscripts:

- Case reports with a review of the literature
- Primary research /original research
- Medication Use Evaluation
- Meta-analysis of a disease state or therapy
- Review article

Meetings:

The residents will have the opportunity to attend various professional meetings throughout the year. Residents receive an annual travel stipend that is variable based on available funding. In the past, residents have received a set stipend for the year which they can use at their discretion for registration, travel, accommodations, etc. Residents are encouraged to attend a specialty meeting (e.g. American Transplant Congress, ISHLT).

Presentations/Teaching:

Teaching is a large component of our program. PGY2 residents will have many opportunities to precept/teach and their training will include learning how to incorporate teaching into their clinical responsibilities. UC San Diego is a teaching institution affiliated with UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences (SSPPS) and UCSD School of Medicine. The PGY2 resident will have multiple opportunities to precept 4th year SSPPS pharmacy students and PGY1 pharmacy practice residents, as well as to work with UCSD multidisciplinary transplant team to provide inservices on medication related issues. Additionally, focus is placed on teaching patients and care givers pre and post-transplant in both the inpatient and outpatient setting.

Grand Rounds. The resident will deliver a 1-hour CE lecture to the pharmacy staff regarding a topic in transplantation. Presentations are accredited for continuing education through California Accreditation for Pharmacy Education (CAPE).

Transplant Journal Club/Patient Support Groups: Residents are required to present at least 1 transplant journal club and 1 patient support group throughout the year. The resident will also be given multiple opportunities to provide inservices to other healthcare providers throughout the year.
Transplant Morning Conference/Topic Discussions:

During the transplant rotations, the resident will lead/coordinate the transplant pharmacy conference with the students and PGY1 residents that are on the transplant rotation. A calendar of topics is scheduled in advance and the resident will have the opportunity to lead discussion on varies topics including (but not limited to): immunosuppressive agents, opportunistic infections, acute kidney injury, HCV/HBV, HTN/Proteinurea, BK nephropathy, DM post-transplant, and anemia. Leading the conference provides residents the opportunity to practice a variety of teaching styles and improves their understanding of and ability to teach fundamental transplant topics.

Skagg's School of Pharmacy and Pharmaceutical Sciences:

Involvement with UCSD’s School of Pharmacy will vary but the resident may choose to be a conference leader for one of the 3rd year therapeutics courses, provide didactic lectures. The resident may be asked to write cases for therapeutics conference and prepare exam questions based on the lectures presented. Residents will also have multiple opportunities to directly precept 4th year pharmacy students who are currently on rotation with the resident.